





	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190		
1200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
15235391.p	DVLSRQ	HKNVLKLECCF	INSP	LVEFLNNNSLDL	HELN	PEKKKK	LDKKYPKISDF	FLAKFY	EGGKDIPASE	SLS	STAGC	LGYMAPYEIY	KGR	LSNHD	YSGFLVLL	ESCFR	NNKERSDN				
83530299.q	RIVSRQ	HKNVLKLECCF	HEGP	ESLLVVEYL	CNTSLD	HELY	DRFRSF	MVDVADFKKK	PA	DKP	FLARNF	EDQ	TRIVH	RDIKASNVLL	DERFP	PKISDF	FLARNF	EDQ			
83525263.q	NMTT	IQ	HKNVLVRL	CCB	GQ	QRLLV	YEMKNS	SLDKHIL	Q	VDGAP	FLNK	KDRHQ	IGIAC	CLYHEESN	LTRIVH	RDIKASNILL	DDKFQPKISDF	FLARNF	EDQ		
83582067.q	KLISVH	HRNLVRL	CCAEGS	ECLLV	VEYEMKNS	SLDKHIL	F	EK	VALNM	KORF	IIHGM	GLAYL	HEEPEH	VRII	HRDIKSSNLL	VDD	PKIAFD	FLARNF	EDQ		
51900033.q	WHRH	HRNLVRL	CCSKGS	ECLLV	VEYEMKNS	SLDKHIL	F	DKRGT	LNKMRK	IRI	IVM	GLAYL	HOEP	VCII	HRDIKSSNLL	VDD	PKIAFD	FLARNF	EDQ		
AK103523.q	MAISD	S	HENLVKL	HECCV	GR	HLILV	YI	ENNSLA	TTL	SGRSN	TQES	WRARV	ICIOV	AKL	PHIV	HRDIKASNILL	DD	PKISDF	FLARNF	EDQ	
AK066454.q	MAISN	V	HENLVKL	YCV	GR	QRLLV	Y	NLLENNSL	A	YGHSA	IQENP	WRARV	ICIOV	AKL	PHIV	HRDIKASNILL	DD	PKISDF	FLARNF	EDQ	
AK066337.q	TAISD	IK	HENLVLI	CCBEGS	F	HLILVY	YI	NLLENNSL	A	SGRSN	RE	WRARV	ICIOV	AKL	PHIV	HRDIKASNILL	DD	PKISDF	FLARNF	EDQ	
24820011.q	GIISLR	HENLVRL	CCBEGS	Q	LLILYI	YI	NLLENNSL	A	PPI	TH	WRARV	ICIOV	AKL	ATIVS	TRVAGTC	LG	PKISDF	FLARNF	EDQ		
59390011.q	GMISLQ	HENLVRL	CCBEGS	Q	LLILYI	YI	NLLENNSL	A	RGDHQL	KL	WRARV	ICIOV	AKL	ATIVS	TRVAGTC	LG	PKISDF	FLARNF	EDQ		
15231938.p	AMISLQ	HENLVRL	CCBEGS	Q	LLILYI	YI	NLLENNSL	A	POET	PL	WRARV	ICIOV	AKL	TRIAGTC	LG	PKISDF	FLARNF	EDQ			
18398327.p	NLISNH	HENLVRL	CCBEGS	Q	LLILYI	YI	NLLENNSL	A	SRSRV	Y	PLDN	SRRA	ICIOV	AKL	TRVAGTC	LG	PKISDF	FLARNF	EDQ		
66660003.q	NLISNR	HENLVRL	CCBEGS	GT	NRLLV	YI	NLLENNSL	A	PRSRC	CI	PLDN	SRRA	ICIOV	AKL	TRVAGTC	LG	PKISDF	FLARNF	EDQ		
AK071300.q	DVLT	VVK	HENLVLL	CCBEGS	GN	NRLLV	YI	NLLENNSL	A	SNSEPA	FTW	SRRA	ICIOV	AKL	SP	IVRDIKASNILL	DD	PKISDF	FLARNF	EDQ	
56330006.q	ESITEA	R	HENLVRL	HECCVGR	Q	NRLLI	YI	NNLSD	AL	AAAGV	V	DL	ST	IC	IGVAK	CG	YI	PKISDF	FLARNF		
AK065548.q	ATISVQ	HENLVRL	HECCVGR	Q	NRLLI	YI	NNLSD	AL	PS	IVRDIKASNILL	DD	NPY	PKISDF	FLARNF	DN	VSHVS	TRVAGTC	LG	PKISDF	FLARNF	
63560984.q	ATISVQ	HENLVRL	HECCVGR	SS	TL	LLV	YI	ENSLD	AL	HGS	LN	PL	PKISDF	FLARNF	DN	TRIAGTC	LG	PKISDF	FLARNF		
AK067350.q	ATISVQ	HENLVRL	HECCVGR	SS	TL	LLV	YI	ENSLD	AL	POET	PL	LN	PKISDF	FLARNF	DN	TRVAGTC	LG	PKISDF	FLARNF		
AK068816.q	ATISVQ	HENLVRL	HECCVGR	SN	TL	LLV	YI	ENSLD	AL	KNS	LN	PL	PKISDF	FLARNF	DN	TRVAGTC	LG	PKISDF	FLARNF		
64830022.q	ATISVQ	HENLVRL	HECCVGR	SN	TL	LLV	YI	ENSLD	AL	NGS	LN	PL	PKISDF	FLARNF	DN	TRVAGTC	LG	PKISDF	FLARNF		
83531491.q	ATISVQ	HENLVRL	HECCVGR	SN	TL	LLV	YI	ENSLD	AL	PRSRC	CI	PLDN	SRRA	ICIOV	AKL	DSN	LN	PL	PKISDF	FLARNF	
83534700.q	ATISVQ	HENLVRL	HECCVGR	SN	TL	LLV	YI	ENSLD	AL	PRSRC	CI	PLDN	SRRA	ICIOV	AKL	DSN	LN	PL	PKISDF	FLARNF	
66290026.q	ATISVQ	HENLVRL	HECCVGR	SN	TL	LLV	YI	ENSLD	AL	PRSRC	CI	PLDN	SRRA	ICIOV	AKL	HSS	LN	PL	PKISDF	FLARNF	
64200009.q	TT	ISRVQ	HENLVRL	HECCVGR	SN	TL	LLV	YI	ENSLD	AL	DNN	LN	PL	PKISDF	FLARNF	DN	VTRIVH	DIKASNVLL	DD	PKISDF	FLARNF
83524885.q	ETISRVQ	HENLVRL	HECCVGR	SN	TL	LLV	YI	ENSLD	AL	TEG	LN	PL	PKISDF	FLARNF	DN	OTIVS	TRIAGTC	LG	PKISDF	FLARNF	
83524887.q	ETISRVQ	HENLVRL	HECCVGR	SN	TL	LLV	YI	ENSLD	AL	TEG	LN	PL	PKISDF	FLARNF	DN	IRV	HRDIKASNILL	DD	PKISDF	FLARNF	
AK099657.q	Q1ISRVQ	HENLVRL	HECCVGR	SN	TL	LLV	YI	ENSLD	AL	TKRNID	LN	PL	PKISDF	FLARNF	DN	KTHES	TKVAGTC	LG	PKISDF	FLARNF	
83524884.q	Q1ISRVQ	HENLVRL	HECCVGR	SN	TL	LLV	YI	ENSLD	AL	TKRNID	LN	PL	PKISDF	FLARNF	DN	TKRNID	TKVAGTC	LG	PKISDF	FLARNF	
83560969.q	ATISVQ	HENLVRL	HECCVGR	SD	APL	LLV	YI	ENSM	SLDKHIL	Q	TKRNID	LN	PL	PKISDF	FLARNF	DN	TKRNID	TKVAGTC	LG	PKISDF	FLARNF
1ir3_IRK	SMVKPT	CHE	HWLVL	CCBEG	GN	PTL	LLV	YI	ENSLD	AL	NNPGR	PP	TL	PKISDF	FLARNF	DN	TKRNID	TKVAGTC	LG	PKISDF	FLARNF
2phk_PhK	DILRPTVSG	HENLVRL	HECCVGR	TY	PTL	LLV	YI	ENSLD	AL	TEG	LN	PL	PKISDF	FLARNF	DN	DFFLPD	TKVAGTC	LG	PKISDF	FLARNF	
litas_TGFbR	ETYQ	VMR	HENLVRL	FIAAD	ND	DNG	TW	QL	L	TY	PTL	LLV	YI	ENSLD	AL	TEG	LN	PL	PKISDF	FLARNF	

